

NASA TECH BRIEF

Manned Spacecraft Center



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A Panel Space for RFI Shielding Gaskets: A Concept

The problem:

Strips of RFI (radio frequency interference) shielding that are usually mounted between a console chassis and panel must be protected from pressure from the panels. The present method (see Figure 1) requires specially fabricated panels, four to eight spacers, surface preparation of the panel and spacer, and bonding of the spacer to the panel. After assembly, the spacers may have to be machined to the proper height.

The solution:

Small Teflon buttons can be force-fitted into existing standard holes in the console. The buttons eliminate the need for specially fabricated panels.

How it's done:

The Teflon button and the proposed method of installation are illustrated in detail in Figure 2.

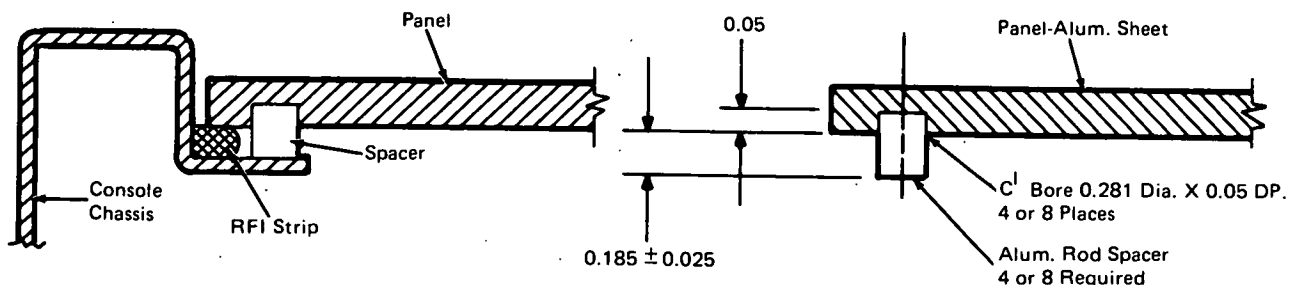


Figure 1.

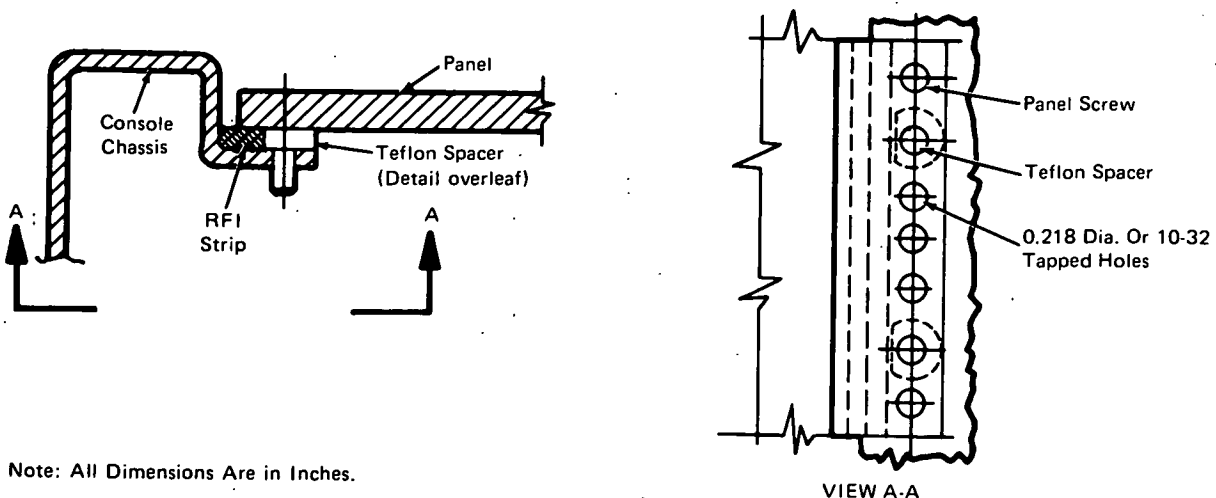
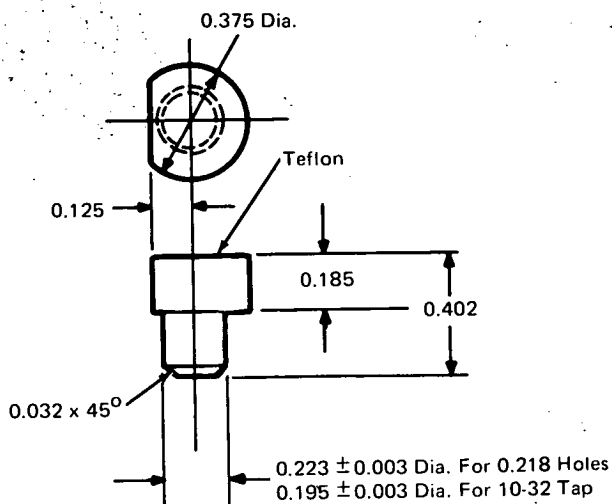


Figure 2.

Note: All Dimensions Are in Inches.

(continued overleaf)



SPACER DETAIL

Figure 2. (cont'd)

Note:

No further information is available. Specific questions, however, may be directed to:

Technology Utilization Officer
Manned Spacecraft Center
Code JM7
Houston, Texas 77058
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Patent status:

NASA has decided not to apply for a patent.

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